Nikon 8X SUPER ZOOM

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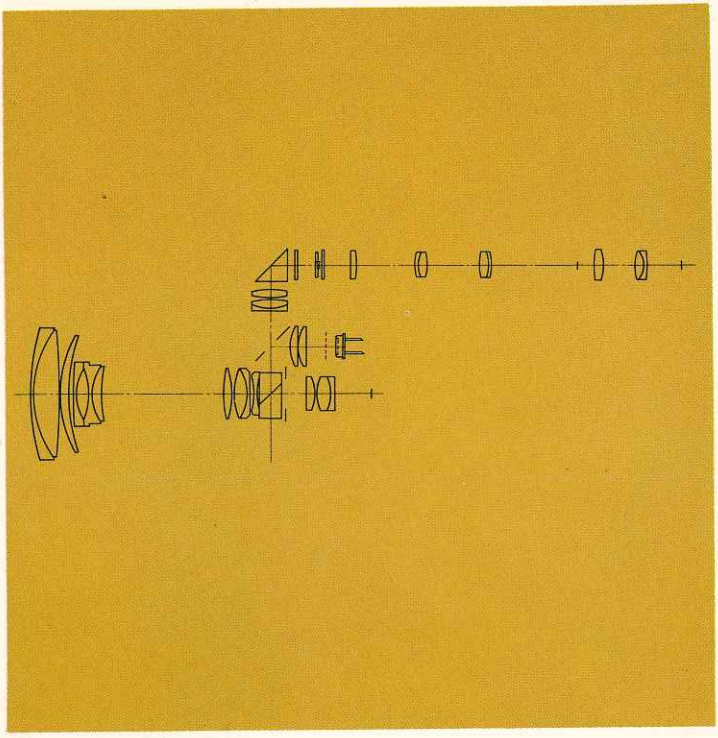
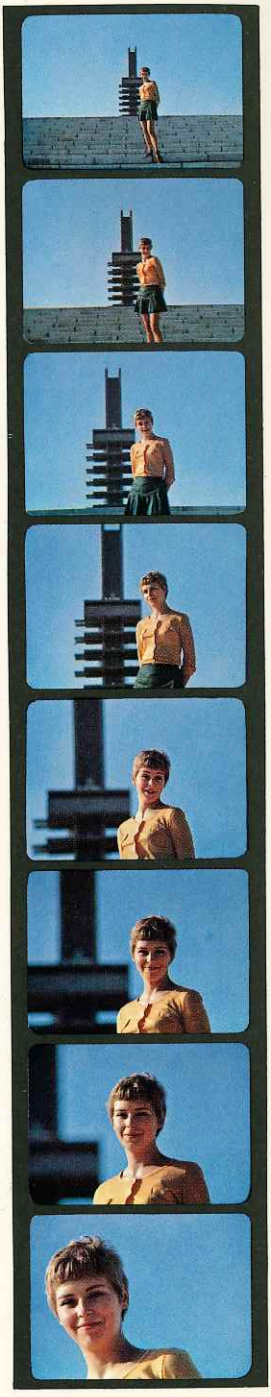
BETTER WITH NIKKOR OPTICS





Home movies are better than ever, thanks to superb Nikkor optics and a new Nikon 8X Super Zoom cine-camera.

Nikon's world-famous standards which have produced incomparable Nikkor optics and Nikon F, the undisputed leader of 35mm photography, have prevailed again to create an outstanding cine-camera for Super 8 cartridges—the Nikon 8X Super Zoom.

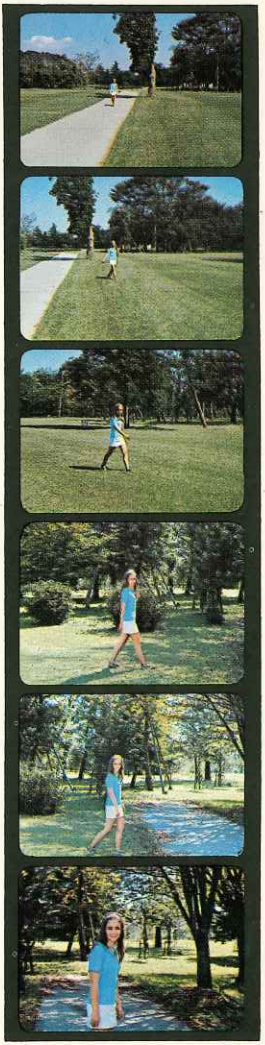
Precision engineering in the finest Nikon tradition gives the Nikon 8X rugged dependability and its achievements with the famed Nikkor optics are unbeatable.

The cine-zoom Nikkor lens renders corner-to-corner sharpness, exceptionally high contrast images and high color correction. The exclusive optical design overcomes aberrations in zooming inherent in less perfect lenses. Considering its 8X zooming range, from extreme wideangle 7.5mm to 60mm telephoto, it is lightweight and compact. Micro-switches provide automatic stopping of zoom action at both ends of the zoom range, thus protecting the mechanism against damage. If manual zooming is desired for high-velocity special effects or for quick composition an attached lever need be moved only 130° to cover the entire zoom span.

THE FINEST IS EASIEST TO OPERATE

Yes, there's no doubt about it. Nikon 8X with all its wonderful qualities is easy to operate. No strain. No bother. No worry about correct exposure. The Nikon 8X exposure control mechanism takes care of that automatically at all speeds and even if the speed is changed during filming.

By applying slight pressure to the dual action trigger the through-the-lens CdS exposure control becomes activated and sets the lens aperture before filming begins. This minimizes drain on the mercury batteries and allows the user to observe a pointer inside the viewfinder revealing the taking aperture. If the pointer is observed in either red zone on the scale at top of the frame it denotes a filter or a movie light is required to avoid over- or under-exposure. With the taking aperture electrically selected additional pressure on the trigger will start the filming process. A red warning will automatically appear in the lower left hand corner of the viewfinder when all film has been exposed or when the cartridge has been removed.



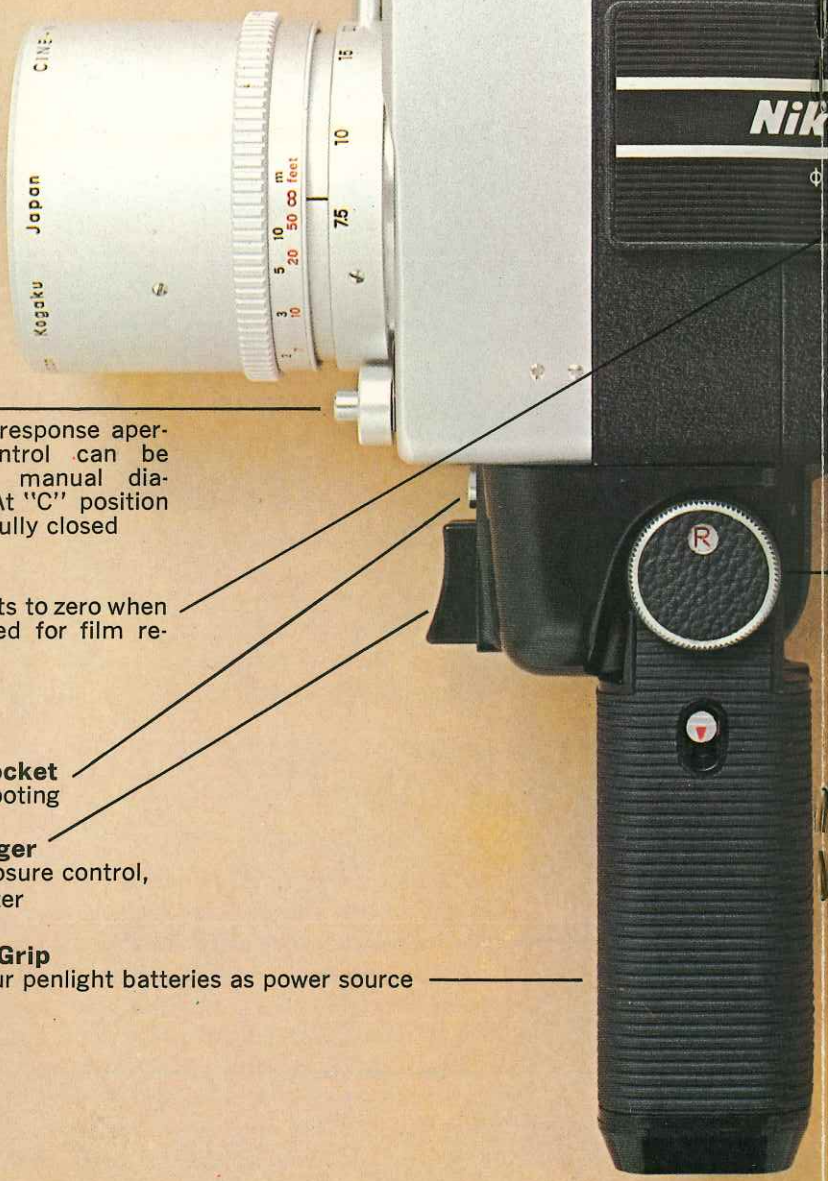
A patented electronic "Instant Response" diaphragm assures constant perfect exposure, frame after frame. Infinitely sensitive to light intensity variations it instantly reacts and automatically resets the diaphragm so that no frame of over- or under-exposure results, even while panning from side to side or up and down.

Focusing is quickly and easily accomplished with the Nikon 8X split-image rangefinder. Composing with Nikon's reflex viewfinder is an exciting experience because its patented prism and mirror system guarantees parallax-free full brilliance viewing. Strategic placement of controls on the Nikon 8X gives the user new freedom of operational convenience. The most important, most frequently used controls are easily accessible without removing one's hands from the camera.

Movielight (Filter Key) Slot
The built-in daylight filter is removed when a movielight or a Filter Key Plate is inserted

Manual Zoom Lever
Provided for special effect. Complete zoom range can be covered with only a 130° turn

Cine-Nikkor Zoom 7.5mm–60mm f/1.8 Lens
13 elements in 9 groups, provides sharp, crisp pictures over the entire 8X zooming range



A-M-C Ring
Automatic instant response aperture opening control can be switched over to manual diaphragm setting. At "C" position the diaphragm is fully closed

Footage Counter
Automatically resets to zero when the cover is opened for film reloading

Cable Release Socket
For continuous shooting

Dual Action Trigger
First activates exposure control, then releases shutter

Fold-away Hand Grip
Accommodates four penlight batteries as power source

Rocker Switch for electric zooming control
Controls zoom action over full range in 6 seconds

Rubber Eyecup
For easy viewing

Reflex Viewfinder with adjustable eyepiece
Provides large and bright finder images from 0.5X to 4.0X magnification. Eyesight adjustment from −5 to +3 diopters

Film Speed Dial
For 12, 18, 24 fps and single-frame

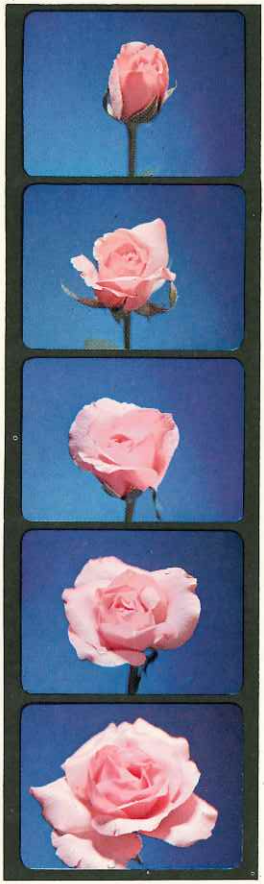
Cable Release Socket
For single-frame exposure

Remote Control Unit Socket
Accepts 3m (10 ft) remote control unit

R-L Knob
For no run or continuous run lock

Easy and quick loading of Super-8 film cartridge

VERSATILITY UNLIMITED



TIME-LAPSE

FADE OUT

CLOSE-UP

With the Nikon 8X Super Zoom cine-camera one need not be content with merely "home movies," because it offers many refinements for achieving professional caliber motion pictures.

Like to record on film the growth of flowers? Use the single-frame exposure facility for time-lapse and annimation. Want to obtain dramatic effects? Employ fade in/out capability with Nikon 8X's manual override. Desirous of accomplishing unusual film sequences? Shoot at 12 or 24 fps, slower or faster, or use these speeds to compensate for unusual lighting conditions. Interested in nature study or in doing undetected wildlife photography? Take advantage of Nikon 8X's remote control facility by plugging in an attachment to a socket on the side of the camera.

And, that's not all. Close-up to 0.9X, cinemicrography with microscope adapter and 35mm slide copying are possible, and titling too, simply by combining a special close-up lens and adapter. Yes, Nikon 8X is certainly the cine-camera of ultimate versatility.

ACCESSORIES

COMPARTMENT CASE Accommodates camera, three packs of film, filters and other small accessories.

ZIPPERED SOFT CASE / WRIST STRAP / REMOTE CONTROL UNIT

FILTER KEY PLATE Shaped similar to a movielight plug. When inserted in movielight slot it removes built-in daylight filter from camera's optical path.

RUBBER EYECUP / CABLE RELEASE / FILTERS 52mm screw-in

LENS HOOD 52mm screw-in / **LENS CAP** 52mm snap-on

CLOSE-UP ATTACHMENT LENSES Nos. 0, 1 and 2

CLOSE-UP LENS EC-1 Allows extreme close-up filming up to 0.9X when the focusing scale is set at 1.2m (4 ft.) and the focal length at 60mm.

MICROSCOPE ADAPTER EM-1 In combination with the Close-up Lens EC-1, it readily allows cinemicrography.

SLIDE COPYING ADAPTER ES-1 In combination with the Close-up Lens EC-1, it permits handy copying of 35mm slides.

OTHER TECHNICAL DATA

FILM: Super-8 cartridges; film speed ASA 10-250 (daylight) and 16-400 (tungsten light).

ZOOM SYSTEM: Powered by independent micro-motor. Focuses down to 1.2 mtrs. (4 ft).

FILMING SPEEDS: 12, 18, 24 fps and single-frame.

EXPOSURE CONTROL: Fully automatic "Instant Response" exposure control with manual override for special effects and fades. Powered by two 1.3V mercury batteries.

VIEWFINDER: Reflex finder for precise viewing and focusing. 0.5 to 4.0X magnification with eyesight adjustment from −5 to +3 diopters. Pointer visible in viewfinder shows taking aperture and warns of over- or under-exposure. Rubber eye cup provided.

DAYLIGHT FILTER: Built-in. Can be removed by filter key plate or by inserting movie light in the slot.

BATTERY CHECK: Built-in. Checks both penlight and mercury batteries.

TRIPOD SOCKET: 1/4″ threaded.

DIMENSIONS: 60×140×250mm. (2.4×5.5×9.8 inches).

WEIGHT: 1.45kg. (3.1 lbs).

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